

who are the unemployed?

OAKLAND COUNTY PLANNING COMMISSION



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**WHO ARE THE UNEMPLOYED?
OAKLAND COUNTY, MICHIGAN**

**BY
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FOREWORD

WHY IS UNEMPLOYMENT HERE?

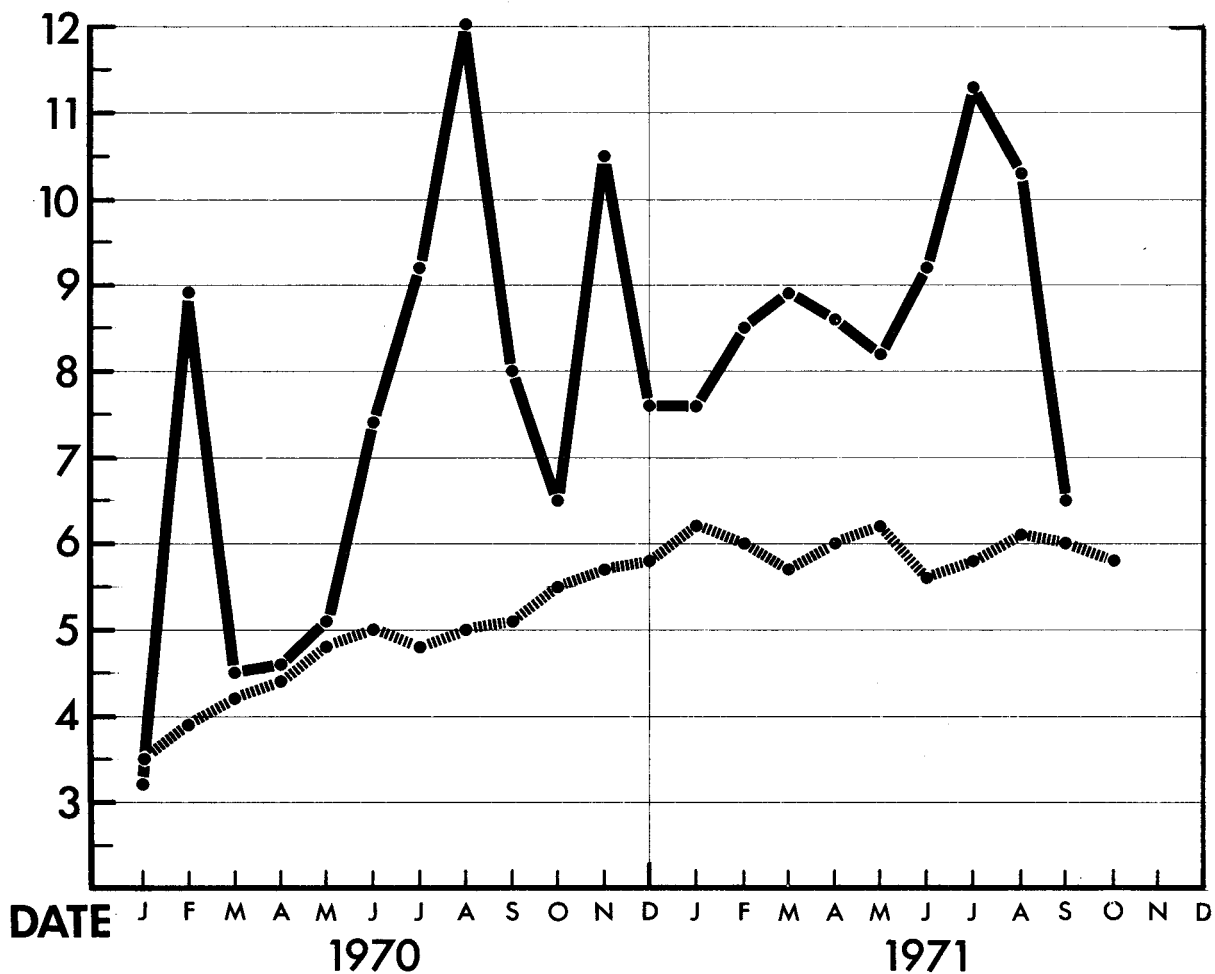
The national effort to restrain inflation during 1970 had an immediate effect on the unemployment rate in Oakland County. The average monthly unemployment rate of 1970 was 6.9%, or more than double the previous years. Unfortunately the upward trend is continuing during the year 1971. All unemployment rates are equal to or higher than the average of the previous year. National unemployment is associated with reduced private spending, returning Veterans, the decline in defense spending, and increased participation of women in the labor force. How much each of these factors influenced the local employment is still unknown. Without defined relationships between the local economy and unemployment, corrective actions will be more hazardous. What is known for certain is the unemployment rate. Oakland County is experiencing the highest series of unemployment rates since 1961 and the trend is continuing upward.

WHAT CAN BE DONE?

The long term solutions to unemployment involve an analysis of the types of unemployment that are included in a general unemployment rate. These types are then related to the local economy and specific types of industries. From this point, action can be taken by both government and private business in terms of manpower training and new market expansion. These actions, in turn, will bring about the long range policies of a more diversified and stabilized economy with a higher level of productivity. The first step in achieving these long range goals is an analysis of unemployment by occupation as included in this report.

UNEMPLOYMENT

PERCENT



OAKLAND COUNTY

PLANNING COMMISSION

Source: B.L.S.
M.E.S.C.

OAKLAND COUNTY ———
UNITED STATES ·····

UNEMPLOYMENT

LOCAL UNEMPLOYMENT RATE ALMOST DOUBLE THE NATIONAL RATE

Unemployment for Oakland County has been consistently higher than the national averages since January, 1970. The latest figures for the county indicate unemployment at 11.3% in July, 1971, compared to the national rate of 5.8%. The data which describes unemployment by occupation is from April of 1971 when unemployment was 8.6% for the county and 6.0% for the nation.

UNEMPLOYMENT CONCENTRATED IN CLERICAL AND SALES, MACHINE TRADES, STRUCTURAL WORK AND PROFESSIONAL OCCUPATIONS.

The uneven impact of the economic downturn on different population groups, industries, and occupations will be substantiated by much of the data presented in this report. In April of 1971, there were 24,360 individuals who had applied for unemployment benefits in Oakland County.¹ Occupational categories are ranked by the highest number of unemployed in the following table.

(TABLE NUMBER 1)
UNEMPLOYMENT RANKED BY GENERAL OCCUPATION

<u>GENERAL OCCUPATION</u>	<u>NUMBER</u>	<u>PERCENT</u>
Clerical & Sales	5568	22.86
Machine Trades	4868	19.98
Structural Work	3980	16.34
Professional, Technical, Managerial	3285	13.49
Service	2628	10.79
Miscellaneous	2083	8.55
Bench Work	1251	5.14
Processing	468	1.92
Farming, Fishery, Forestry	<u>229</u>	<u>.93</u>
TOTAL	24360	100.00

¹This data will not describe people working in jobs below their skill levels or those who are seeking employment without the aid of M.E.S.C., but only those with field office applications.

The first four major groups include almost three quarters of the total unemployed.²

RATE OF UNEMPLOYMENT

BLUE COLLAR AND SERVICE WORKERS HAVE HIGHER RATE OF UNEMPLOYMENT THAN PROFESSIONAL GROUPS.

(TABLE NUMBER II)
RATE OF UNEMPLOYMENT BY GENERAL OCCUPATION

<u>GENERAL OCCUPATION</u>	<u>PER-CENT</u>	<u>TOTAL³ EMPLOYEES</u>	<u>PERSONS UNEMPLOYED</u>	<u>RATE OF UNEMPLOYMENT</u>
Profession, Technical, Managerial	27.0	84,861	3,285	3.87
Clerical & Sales	24.6	77,318	5,568	7.20
Service	9.2	28,916	2,628	11.00
Operatives	19.2	60,346	6,587	9.09
Other Blue Collar	16.8	52,802	6,063	11.50
Miscellaneous	3.2	10,058	229	2.28
TOTAL	100.0	314,301	24,360	7.76

Oakland County has a larger percentage of highly trained and professional employees than the Detroit Standard Metropolitan Statistical Area, but this group indicated a low rate of unemployment. Comparatively, the Service, Operatives, and Other Blue Collar groups experienced rates higher than the county overall rate of unemployment at 7.76%. Even though automotive production was higher in April of 1971 than a year before, many occupations related to manufacturing remained at unemployment rates higher than county and national rates.

²By referring to Appendix A, the exact characteristics by occupation can be determined for each major grouping. For example, consider the major group of professional occupations with 3,285 persons, Appendix A indicates 1203 people under this category are in occupations of architecture and engineering.

³Employees in each occupational group estimated from percentile distribution of work force: Census of Population General Social and Economic Characteristics, 1960.

UNEMPLOYMENT BY SEX

CLERICAL AND SERVICE OCCUPATIONS ARE HIGHEST SOURCES OF UNEMPLOYMENT FOR WOMEN - MACHINE TRADES AND STRUCTURAL WORK HIGHEST FOR MEN.

(TABLE NUMBER III)

OCCUPATIONAL UNEMPLOYMENT BY SEX

<u>GENERAL OCCUPATION</u>	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>
Professional, Technical, Managerial	2,533	752	3,285
Clerical & Sales	1,881	3,687	5,568
Service	1,036	1,592	2,628
Farming, Fishery, and Forestry	224	5	229
Processing	295	173	468
Machine Trades	4,085	783	4,868
Bench Work	621	630	1,251
Structural Work	3,737	243	3,980
Miscellaneous	1,935	148	2,083
TOTAL	16,317	8,013	24,360

Men were unemployed more than women by a ratio of 2 to 1 for total unemployment, but there is considerable variance from this ratio in all of the nine major occupational categories. The clerical and service occupations ranked as the highest sources of unemployment for women. The two highest categories of unemployment for men were machine trades and structural work, in that order. Unemployment for men is more dispersed by occupations, but the first two major categories by rank account for 38% of the unemployed men. The 2,533 male professionals that are unemployed indicates industry and business are not using some of the most highly trained and educated members of the labor force.

EDUCATION

AN INCREASING NEED FOR VOCATIONAL TRAINING AS PART OF A HIGH SCHOOL EDUCATION.

(TABLE NUMBER IV)
OCCUPATIONAL UNEMPLOYMENT BY EDUCATION

<u>GENERAL OCCUPATION</u>	<u>UNEMPLOYMENT BY YEARS OF EDUCATION</u>		
	<u>0 - 7 Yrs.</u>	<u>8 - 11 Yrs.</u>	<u>12 + Yrs.</u>
Professional, Technical, Managerial	10	207	3068
Clerical & Sales	31	956	4581
Service	153	1299	1176
Farming, Fishery, Forestry	16	96	117
Processing	28	251	184
Machine Trades	144	1952	2777
Bench Work	50	549	652
Structural Work	189	1708	2083
Miscellaneous	90	1017	976
Total Unemployed	711	8035	15,614
Total Population 4-71	91,033	97,167	276,439
Rate of Unemployment*	.79	8.27	5.64

The trend for higher unemployment rates occurs both nationally and in Oakland County for segments of the population with less than a high school education. In the last decade an additional 8% of the population had the advantage of a high school education which will help reverse this trend. Unfortunately the skill levels for job entry requirements are also increasing with the end result of more high school graduates being unemployed. This can be anticipated because of the larger proportion of educated people in Oakland County, but it is also indicative of the problem high school graduates encounter when seeking their first job. This is particularly true for minority groups. The payoff of education will result in employment only when the basic skills are acquired to enter the work force of local industry. This can be accomplished through increased emphasis on vocational training.

Although there are approximately 15,000 students involved in vocational education, there is still a considerable number who defer training. This deferment will be a strong disadvantage for those who forego college and seek employment immediately upon graduation. The strengthening of vocational education programs will be of greatest importance in the entry level occupations which include clerical jobs and structural work.

*Unemployment rate calculated from total population by age group. Current age breakdown of total labor force not available.

AGE

YOUNG AND MIDDLE AGE FAMILIES SUFFER HIGHEST UNEMPLOYMENT - RATE QUADRUPLES FOR BLACKS.

(TABLE NUMBER V)
OCCUPATIONAL UNEMPLOYMENT BY AGE

<u>GENERAL OCCUPATION</u>	<u>UNDER 22 YEARS OLD</u>	<u>22-44 YEARS OLD</u>	<u>OVER 44 YEARS OLD</u>
Professional, Technical, Managerial	205	2123	957
Clerical & Sales	1458	2896	1214
Service	768	1180	680
Farming, Fishery, Forestry	105	94	30
Processing	79	273	116
Machine Trades	613	2806	1449
Bench Work	158	725	368
Structural Work	677	2538	765
Miscellaneous	624	1110	349
TOTAL	<u>4687</u>	<u>13745</u>	<u>5928</u>

	<u>15-21 YEARS OLD</u>	<u>22-44 YEARS OLD</u>	<u>45-64 YEARS OLD</u>
General Population, 4-1-71	91,905	267,499	184,269
Unemployment Rate by Population	5.10	5.14	3.22
Negro Population	5,621	6,720	4,240
Negro Unemployed	663	1,358	302
Unemployment Rate by Negro Population	11.80	20.21	7.12

Age is a significant characteristic of how well the present rate of employment growth is absorbed into the economy. One indicator of faltering employment growth is the lack of jobs for young people entering the job market for the first time. From the three age groups, under 22 year old, 22-44 year old, and 44 year old and over, the second group experience the highest unemployment. It was lowest for the age group of 45-65. The greatest number of young people under 22 years of age were unemployed in the general categories of clerical and service. The most predominant unemployment occurred in clerical, stenography, filing, typing, and food and beverage preparation. All these occupations represented minimum skill levels and training necessary for proficiency.

The second age group from 22 to 44 is of primary importance because it represents the workers of young growing families and the fastest growing age group of our total population. The four major categories of unemployed in this group include clerical and sales, machine trades, structural work and professional. Clerical and sales represent approximately the same unemployment as the younger age group. The metal machine workers represent over 65% of the unemployment in the general category of machine trades. This type of unemployment is closely related to the decision to reduce the number of styling changes in future automotive production. Structural work unemployment consists primarily of occupations in metal fabricating and construction. Professional unemployment consists primarily of occupations in architecture, engineering, administrative specialization and managers.

The last age group of 44 years and older represented the same pattern of unemployment as the 22-44 age group, but in all instances, this group was more stable in each occupation as the unemployment rate increased.

UNEMPLOYMENT MORE SEVERE FOR ALL NEGRO AGE GROUPS.

A comparison of Negro unemployment by age also indicates the highest unemployment rate in the 22-44 year old age group, but the rate is almost four times more severe than that of the general population. The remaining two age groups experienced unemployment rates double that of the general population.

DURATION OF UNEMPLOYMENT

PERSISTENT UNEMPLOYMENT - OVER 3,000 PEOPLE UNABLE TO FIND WORK WITHIN 15 WEEKS.

(TABLE NUMBER VI)
OCCUPATIONAL UNEMPLOYMENT BY DURATION

<u>GENERAL OCCUPATION</u>	<u>DURATION IN WEEKS</u>		
	<u>1 OR LESS</u>	<u>1 - 14</u>	<u>15 OR MORE</u>
Professional, Technical, Managerial	267	2519	499
Clerical & Sales	445	4398	725
Service	447	1768	413
Farming, Fishery, Forestry	16	187	26
Processing	12	383	23
Machine Trades	222	4025	621
Bench Work	32	1021	198
Structural Work	139	3343	498
Miscellaneous	115	1749	218
TOTAL	1695	19,393	3271
% OF TOTAL	7.0	79.6	13.4

An examination of the length of unemployment gives an indication of its severity and the possible types of unemployment which make up the total unemployment rate. Transitional, seasonal, and persistent unemployment are three possible types of employment that may exist. Transitional unemployment represents idleness between jobs, and seasonal unemployment represents the layoff of personnel in a particular type of industry due to the nature of the production process. Neither seasonal nor transitional unemployment present as critical a problem as the last type, that of persistent unemployment. It consists of individuals unable to enter the work force because of skills not in demand or a lack of skills necessary for responsible employment. This type of unemployment is critical because it will not diminish even with the recovery of the economy.

The three categories of duration include 1 week or less, 1 to 14 weeks, and 15 weeks or more. The first category of 1 week or less is most indicative of people changing jobs with a brief layoff. 7.0 % of the total population is represented in this group. The second category of 1 to 14 weeks has long enough periods to include more than transitional or seasonal employment. It begins to include people with more than temporary idleness. It is the largest

group of unemployed, representing 79.6 % of the unemployed. From a positive point of view, the first two groups of employment duration demonstrate that 86.6% of the unemployed can re-enter the work force and have sufficient skills to hold a job within less than 15 weeks. The remaining group of workers represents 13.4% of the unemployed or 3,271 people. This group is most often described with words such as “hard core” or “chronic unemployed”. All the minority groups indicate a higher percentage of unemployed in this group. 28.7% of the Negro unemployed were unable to find work within 15 weeks.

VETERANS AND SERVICEMEN

FROM VIETNAM TO A JOB?

During the fiscal period of 1970, over 93% more veterans received unemployment compensation than the previous year. Over a million men and women left the Armed Forces in 1970 with similar numbers projected for the next two years. Veterans are at a disadvantage because of their comparative youth and lack of civilian work experience. The total of 4.6% of the unemployed are veterans with lower percentages in all minority groups. The highest amount of unemployed veterans by number includes the general occupations of clerical and sales, machine trades, and structural work.

HANDICAPPED

HELP FOR PERSISTENT UNEMPLOYMENT.

6% of our unemployed are handicapped, that is, a worker is unable to enter the work force because of mental or physical disability. The total of 1,457 people unable to enter the work force because of disability is continuing evidence of the need for government effort in rehabilitation programs.

WHO ARE THE UNEMPLOYED? SOME CONCLUSIONS.

LARGEST PORTION OF UNEMPLOYMENT RELATES TO OCCUPATIONS OF DURABLE GOODS MANUFACTURERS.

(TABLE NUMBER VII)
TOP TEN OCCUPATIONS RANKED BY NUMBER OF UNEMPLOYED

<u>GENERAL OCCUPATION</u>	<u>NUMBER OF UNEMPLOYED</u>
Metal Machining	3,359
Stenography, Typing & Filing	1,542
Metal Fabricating for Construction	1,363
Construction	1,322
Food & Beverage Preparation	968
Packaging & Material Handling	784
Motor Freight	763
Architecture	696
Merchandising	652
Fabrication, Assembly & Repair of Metal Products	592
TOTAL	12,041

It is clear that unemployment is not evenly distributed over all types of workers, industries and occupations. In terms of industry, the production and manufacturing of durable goods is affected more than services and non-durable consumption goods. Over 40% of the employees in Oakland County are engaged in manufacturing. With this in mind, the metal machinery and metal fabricating occupations can be directly related to the slow down in industrial output during 1970. As industrial output becomes sluggish, the need to transport goods slows, as evidenced by unemployment in motor freight and packaging. Within a cyclical downturn of the economy, many firms delay plans for expansion, thus employment decreases in construction and professions related to design such as architecture. If the downturn of the economy is prolonged, then non-durable consumption goods begin to slow with the corresponding cut in merchandising personnel.

The second largest group of employees in the County are employed in the retailing industry. Because of its orientation towards non-durable goods, it shows a much lower degree of unemployment. In respect to occupational skills, past trends seem to have reserved jobs for the best trained and most highly skilled. When business activity falters, the least skilled such as clerical, food and beverage workers are first to be laid off.

In terms of education, more people with high school educations or better were unemployed. Part of the explanation is the high percentage of educated people in the County and the inevitable shrinking of the job market from an economic downturn. In 1970 almost 60% of the population of the County had been educated twelve years or more. At the same time, the employment decreased from 317,700 in April, 1970 to 314,300 in April, 1971. The result of education for minorities was even less encouraging when compared to a County-wide figures. 49.8% of the total unemployed Negroes were high school graduates or better.

PROLONGED UNEMPLOYMENT INCLUDES MINORITIES, VETERANS AND HANDICAPPED.

The type of unemployment that keeps the minority members out of the work force is probably more than a layoff between jobs or an industrial downturn in production. By comparing the duration of unemployment, all minorities have a greater percentage of people out of work for more than 15 weeks. 28.7% of Negroes were unemployed for 15 or more weeks as compared to 15.6% of the total unemployed.

In addition to the prolonged unemployment of our minorities, over 10% of individuals out of work represent veterans and handicapped. These groups will not have the same ease of entry into the work force as the economy begins to rebound.

WHAT TO DO IN THE FUTURE.

Unemployment is wasting the lives of our men and women. It means a loss of self reliance and a lower standard of living for our entire nation. Because unemployment is more severe to specific groups of people, industries, and occupations, a degree of cautious intervention in the market place is a matter of community and personal interest. The answer to providing jobs for the labor force with its extra ordinary growth in the next decade will mean action on the part of both government and business. This action can begin with clear descriptions of the job market. This description gives the businessman an opportunity to utilize the existing labor force, and it gives government the opportunity to help the unemployed and underemployed. It is possible to create temporary public service jobs to offset the rise in unemployment. These jobs can provide the foundation of future permanent employment in both private industry and government. The occupational data defined in this report may help this future effort.

DATA ORGANIZATION

The data in this report is organized to describe the characteristics of the unemployed labor force by occupation. This system of job description is defined in the Dictionary of Occupational Titles, D.O.T., and is presently used by the U.S. Department of Labor. Appendix A gives the complete list of job descriptions and data used in this report. The characteristics applied to each occupation include race, sex, education, age, duration of unemployment, military service, and handicapped employees. The complete set of characteristics was set forth by specific occupation in order to provide an additional source of data for government and private business in their effort to reduce unemployment and more effectively utilize the labor resource in our economy.

The data which was provided by M.E.S.C., is summarized from unemployment applications processed in the field offices within Oakland County. This does not guarantee residence in Oakland County, but only that the applicant used an Oakland County field office as the location for application of unemployment benefits.

ACKNOWLEDGEMENT

The following analysis of unemployment by occupation in Oakland County was accomplished with the help of the Oakland County Data Processing Center and the Michigan Employment Security Commission. Mr. Donald Lumsden, Director of Data Processing, Mr. Donald Lee, Program Analyst and Mrs. Delores Burris, Programmer, all devoted time and effort in producing a program that will help in the decisions for reducing unemployment. Mr. Von D. Logan, Economic Analyst of the Research and Statistics Division of M.E.S.C., has developed and provided a data base which has the capacity for solving problems at the level of local government.

APPENDIX "A"

UNEMPLOYMENT OF ALL PERSONS

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

ALL PERSONS

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS				AGE			DURATION in WKS.			HANDI- VETERAN	CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44	H.D.R.	1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
ARCHITECTURE AND ENGINEERING	1203	1141	62	2	61	1140	86	826	291	30	40	929	234	49	59
MATHEMATICS AND PHYSICAL SCIENCES	109	92	17	0	5	104	6	86	17	1	13	92	4	6	4
LIFE SCIENCES	11	6	5	0	0	11	0	10	1	0	1	9	1	3	0
SOCIAL SCIENCES	21	18	3	0	0	21	1	14	6	1	1	17	3	4	0
MEDICINE AND HEALTH	374	39	335	0	19	355	50	201	123	16	116	162	93	8	13
EDUCATION	66	24	42	0	4	62	5	45	16	6	14	45	7	5	2
MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES	14	7	7	0	0	14	1	11	2	0	1	9	4	3	1
LAW AND JURISPRUDENCE	12	7	5	0	2	10	0	6	6	0	0	12	0	0	0
RELIGION AND THEOLOGY	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0
WRITING	47	36	11	0	2	45	1	30	16	0	3	40	4	0	1
ART	163	120	43	1	9	153	7	125	31	4	6	134	23	6	5
ENTERTAINMENT AND RECREATION	65	54	11	0	10	55	14	43	8	5	7	54	4	13	3
ADMINISTRATIVE SPECIALIZATIONS	566	450	116	0	24	541	10	338	218	9	31	478	57	23	31
MANAGERS AND OFFICIALS	560	481	79	7	68	485	21	329	210	11	28	479	53	25	33
MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS	73	57	16	0	2	71	3	58	12	0	6	59	8	12	3
TOTALS	3285	2533	752	10	207	3068	205	2123	957	83	267	2519	499	157	155
PERCENTAGES	100.0	77.1	22.9	.3	6.3	93.4	6.2	64.6	29.1	2.5	8.1	76.7	15.2	4.8	4.7
CLERICAL AND SALES OCCUPATIONS															
STENOGRAPHER, TYPING, FILING	1546	295	1521	3	244	1299	585	773	188	126	194	1139	213	78	68
COMPUTING AND ACCOUNT RECORDING	1459	187	1272	5	167	1287	251	855	353	57	95	1157	207	26	50
MATERIAL AND PRODUCTION RECORDING	531	446	91	8	146	377	137	271	123	19	31	432	68	28	40
INFORMATION AND MESSAGE DISTRIBUTION	317	72	245	1	40	276	100	155	62	16	24	250	43	8	23
MISCELLANEOUS CLERICAL OCCUPATIONS	198	83	115	0	24	174	33	110	55	7	10	163	25	2	8
SALESMEN, SERVICES	65	57	8	1	6	58	2	37	26	2	2	56	7	4	3
SALESMEN AND SALESPERSONS, COMMODITIES	800	528	272	5	125	670	151	400	249	25	38	680	72	29	52
MERCHANDISING OCCUPATIONS	652	219	433	8	204	440	199	295	158	24	51	521	80	7	26
TOTALS	5568	1881	3687	31	956	4581	1458	2896	1214	276	445	4398	725	182	270
PERCENTAGES	100.0	33.8	66.2	.6	17.2	82.3	26.2	52.0	21.8	5.0	8.0	79.0	13.0	3.3	4.8
SERVICE OCCUPATIONS															
DOMESTIC SERVICE	484	97	387	42	285	157	144	179	161	103	222	201	61	14	41
FOOD AND BEVERAGE PREPARATION	968	315	653	45	496	427	296	420	252	121	72	746	150	14	61
LODGING AND RELATED SERVICE	64	10	54	4	40	20	13	38	13	15	3	45	16	0	8
BARBERING, COSMETOLOGY	69	18	51	2	30	37	12	47	10	14	6	44	19	1	7
AMUSEMENT	26	17	9	1	11	14	10	8	8	2	1	20	5	0	0
MISCELLANEOUS PERSONAL SERVICE	388	78	310	6	131	251	130	214	44	83	90	227	71	7	29
APPAREL AND FURNISHINGS SERVICE	75	24	51	8	38	29	15	28	32	7	5	62	8	2	9
PROTECTIVE SERVICE	127	115	12	5	42	80	12	87	28	12	10	104	13	26	14
BUILDING AND RELATED SERVICE	427	362	65	40	226	161	136	159	132	70	38	319	70	5	68
TOTALS	2628	1036	1592	153	1299	1176	768	1180	680	427	447	1768	413	69	237
PERCENTAGES	100.0	39.4	60.6	5.8	49.4	44.7	29.2	44.9	25.9	16.2	17.0	67.3	15.7	2.6	9.0
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
PLANT FARMING	208	203	5	15	83	110	95	86	27	20	13	177	18	13	10
ANIMAL FARMING	4	4	0	0	2	2	3	1	0	0	1	2	1	1	1
MISCELLANEOUS FARMING	13	13	0	1	7	5	5	7	1	5	1	6	6	2	1
FISHERY	1	1	0	0	1	0	0	0	1	0	0	1	0	0	0
FORESTRY	1	1	0	0	1	0	1	0	0	0	1	0	0	0	0
AGRICULTURAL SERVICE	2	2	0	0	2	0	1	0	1	1	0	1	1	0	0
TOTALS	229	224	5	16	96	117	105	94	30	26	16	187	26	16	12
PERCENTAGES	100.0	97.8	2.2	7.0	41.9	51.1	45.9	41.0	13.1	11.4	7.0	81.7	11.4	7.0	5.2
PROCESSING OCCUPATIONS															
PROCESSING OF METAL	128	104	24	10	66	52	21	77	30	7	5	108	15	0	9
ORE REFINING AND FOUNDRY	69	66	3	8	42	19	9	42	18	8	1	56	12	0	5
PROCESSING OF FOOD, TOBACCO	34	20	14	3	18	13	5	17	12	3	1	26	7	1	2
PROCESSING OF PAPER	2	2	0	0	0	2	0	1	1	0	0	2	0	0	0
PROCESSING OF PETROLEUM	5	3	2	2	2	1	1	2	2	1	0	5	0	0	0
PROCESSING OF CHEMICALS, PLASTICS	182	61	121	0	98	79	35	108	39	10	5	148	29	1	10
PROCESSING OF WOOD	1	0	1	0	1	0	0	1	0	0	0	1	0	0	0
PROCESSING OF STONE	17	14	3	3	11	5	2	10	5	3	0	14	3	0	1
PROCESSING OF LEATHER, TEXTILES	13	11	2	3	4	5	0	10	3	3	0	11	2	1	1
PROCESSING OCCUPATIONS N.E.C.	17	14	3	1	9	7	6	5	6	3	0	12	5	0	1
TOTALS	468	295	173	28	251	184	79	273	116	38	12	383	73	3	29
PERCENTAGES	100.0	63.0	37.0	7.1	53.6	39.3	16.9	58.3	24.8	8.1	2.6	81.8	15.6	.6	6.2

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

ALL PERSONS

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
MACHINE TRADES OCCUPATIONS															
METAL MACHINING	3359	2842	517	86	1306	1967	417	1845	1097	99	160	2777	422	104	178
METALWORKING N.E.C.	564	353	211	32	301	236	65	387	112	48	30	429	105	17	36
MECHANICS	536	536	0	17	210	309	98	324	114	23	20	463	53	64	35
PAPERWORKING	43	14	29	1	23	19	6	19	18	1	0	36	7	0	2
PRINTING	52	45	7	1	10	41	9	33	10	0	3	43	6	3	2
WOOD MACHINING	183	182	1	2	50	131	5	113	65	1	3	166	14	2	6
MACHINING STONE	7	6	1	0	4	3	1	4	2	1	0	6	1	0	2
TEXTILE	4	2	2	1	3	0	1	2	1	2	0	0	4	0	0
MACHINE TRADES N.E.C.	120	105	15	4	45	71	11	79	30	1	6	105	9	2	5
TOTALS	4868	4085	783	144	1952	2777	613	2806	1449	176	222	4025	621	192	266
PERCENTAGES	100.0	83.9	16.1	3.0	40.1	57.0	12.6	57.6	29.8	3.6	4.6	82.7	12.8	3.9	5.5
BENCH WORK OCCUPATIONS															
REPAIR OF METAL PRODUCTS N.E.C.	592	282	310	24	307	261	77	333	182	26	15	476	101	16	37
SCIENTIFIC AND PHOTOGRAPHIC GOODS	39	28	11	1	4	34	4	27	8	2	3	31	5	2	4
REPAIR OF ELECTRICAL EQUIPMENT	212	79	133	3	62	147	15	173	60	8	5	164	43	15	4
REPAIR OF PRODUCTS MADE FROM ASSORTED MAT'L'S	44	19	25	0	18	26	4	29	11	1	0	39	5	1	2
PAINTING, DECORATING	91	75	16	6	52	33	14	50	27	5	2	79	10	1	9
REPAIR OF WOOD PRODUCTS	20	16	4	2	9	9	4	12	4	4	1	15	4	2	4
REPAIR OF STONE	29	26	3	0	10	19	3	21	5	1	0	24	5	1	2
REPAIR OF TEXTILES	134	37	97	8	57	69	14	61	59	4	5	111	18	0	7
BENCH WORK OCCUPATIONS N.E.C.	1	1	0	0	1	0	1	0	0	0	0	1	0	0	0
TOTALS	1251	621	630	50	549	652	158	725	368	53	32	1021	198	40	72
PERCENTAGES	100.0	49.6	50.4	4.0	43.9	52.1	12.6	58.0	29.4	4.2	2.6	81.6	15.8	3.2	5.8
STRUCTURAL WORK OCCUPATIONS															
METAL FABRICATING N.E.C.	1363	1160	203	54	573	736	295	884	184	139	51	1068	244	171	95
WELDERS	401	372	29	23	217	161	72	258	71	42	11	320	70	15	33
ELECTRICAL ASSEMBLING	391	384	7	1	101	289	42	268	81	8	17	348	26	49	14
PAINTING, PLASTERING	183	183	0	14	93	76	20	110	53	10	6	165	12	5	9
EXCAVATING, GRADING	223	223	0	16	116	91	22	159	42	7	7	203	13	20	12
CONSTRUCTION N.E.C.	1324	1320	4	76	564	684	217	816	291	62	42	1160	122	96	68
STRUCTURAL WORK N.E.C.	95	95	0	5	44	46	9	43	43	4	5	79	11	5	11
TOTALS	3980	3737	243	189	1708	2083	677	2538	765	272	139	3343	498	361	242
PERCENTAGES	100.0	93.9	6.1	4.7	42.9	52.3	17.0	63.8	19.2	6.8	3.5	84.0	12.5	9.1	6.1
MISCELLANEOUS OCCUPATIONS															
MOTOR FREIGHT	763	757	6	36	397	330	124	468	171	43	45	639	78	41	61
TRANSPORTATION N.E.C.	378	366	12	14	212	152	189	151	38	28	23	313	42	17	47
PACKAGING	784	656	128	36	366	382	286	389	109	60	46	656	82	29	62
EXTRACTION OF MINERALS	3	3	0	0	0	3	0	3	0	0	0	3	0	0	0
LOGGING	5	5	0	1	3	1	0	5	0	0	1	4	0	0	0
UTILITIES	37	36	1	3	16	18	8	23	6	1	0	35	2	10	1
AMUSEMENT	9	8	1	0	3	6	1	7	1	1	0	7	2	0	1
GRAPHIC ART	104	104	0	0	20	84	16	64	24	0	0	92	12	4	2
TOTALS	2083	1935	148	90	1017	976	624	1110	349	133	115	1749	218	101	174
PERCENTAGES	100.0	91.5	7.1	4.3	48.8	46.9	30.0	53.3	16.8	6.4	5.5	84.0	10.5	4.8	8.4
GRAND TOTALS	24360	16317	8013	711	8035	15614	4687	13745	5928	1484	1695	19383	3271	1121	1457
PERCENTAGES	100.0	67.0	32.9	2.9	33.0	64.1	19.2	56.4	24.3	6.1	7.0	78.6	13.4	4.6	6.0

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

ALL PERSONS - SUMMARY

	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
TOTALS	3285	2533	752	10	207	3068	205	2123	957	83	267	2519	499	157	155
PERCENTAGES	100.0	77.1	22.9	.3	6.3	93.4	6.2	64.6	29.1	2.5	8.1	76.7	15.2	4.8	4.7
CLERICAL AND SALES OCCUPATIONS															
TOTALS	5668	1881	3687	31	956	4581	1458	2896	1214	276	445	4398	725	182	270
PERCENTAGES	100.0	33.8	66.2	.6	17.2	82.3	26.2	52.0	21.8	5.0	8.0	79.0	13.0	3.3	4.8
SERVICE OCCUPATIONS															
TOTALS	2628	1036	1592	153	1299	1176	768	1180	680	427	447	1768	413	69	237
PERCENTAGES	100.0	39.4	60.6	5.8	49.4	44.7	29.2	44.9	25.9	16.2	17.0	67.3	15.7	2.6	9.0
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
TOTALS	229	224	5	16	96	117	105	94	30	26	16	187	26	16	12
PERCENTAGES	100.0	97.8	2.2	7.0	41.9	51.1	45.9	41.0	13.1	11.4	7.0	81.7	11.4	7.0	5.2
PROCESSING OCCUPATIONS															
TOTALS	468	295	173	33	251	184	79	273	116	38	12	383	73	3	29
PERCENTAGES	100.0	63.0	37.0	7.1	53.6	39.3	16.9	58.3	24.8	8.1	2.6	81.8	15.6	.6	6.2
MACHINE TRADES OCCUPATIONS															
TOTALS	4868	4085	783	144	1952	2777	613	2806	1449	176	222	4025	621	192	266
PERCENTAGES	100.0	83.9	16.1	3.0	40.1	57.0	12.6	57.6	29.8	3.6	4.6	82.7	12.8	3.9	5.5
BENCH WORK OCCUPATIONS															
TOTALS	1251	621	630	50	549	652	158	725	368	53	32	1021	198	40	72
PERCENTAGES	100.0	49.6	50.4	4.0	43.9	52.1	12.6	58.0	29.4	4.2	2.6	81.6	15.8	3.2	5.8
STRUCTURAL WORK OCCUPATIONS															
TOTALS	3980	3737	243	189	1708	2083	677	2538	765	272	139	3343	498	361	242
PERCENTAGES	100.0	93.9	6.1	4.7	42.9	52.3	17.0	53.8	19.2	6.8	3.5	84.0	12.5	9.1	6.1
MISCELLANEOUS OCCUPATIONS															
TOTALS	2083	1935	148	90	1017	976	624	1110	349	133	115	1749	218	101	174
PERCENTAGES	100.0	91.5	7.1	4.3	48.8	46.9	30.0	53.3	16.8	6.4	5.5	84.0	10.5	4.8	8.4

APPENDIX "B"

UNEMPLOYMENT OF NEGROES

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

NEGRO

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
ARCHITECTURE AND ENGINEERING	21	16	5	1	6	14	7	14	0	8	2	15	4	2	2
LIFE SCIENCES	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0
MEDICINE AND HEALTH	21	4	17	0	4	17	3	17	1	8	5	9	7	0	0
EDUCATION	16	4	12	0	3	13	5	8	3	5	7	7	2	0	0
MUSEUM, LIBRARY, AND ARCHIVAL SCIENCES	2	2	0	0	0	2	1	1	0	0	0	2	0	0	1
ART	1	1	0	0	0	1	0	1	0	0	0	1	0	0	0
ENTERTAINMENT AND RECREATION	6	5	1	0	1	5	3	3	0	4	2	2	2	1	0
ADMINISTRATIVE SPECIALIZATIONS	5	2	3	0	1	4	0	4	1	1	0	4	1	0	1
MANAGERS AND OFFICIALS	11	6	5	0	2	9	1	9	1	1	1	9	1	0	0
MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS	7	2	5	0	0	7	0	7	0	0	3	4	0	0	0
TOTALS	91	42	49	1	17	73	20	65	6	27	20	54	17	3	4
PERCENTAGES	100.0	46.2	53.8	1.1	18.7	80.2	22.0	71.4	6.6	29.7	22.0	59.3	18.7	3.3	4.4
CLERICAL AND SALES OCCUPATIONS															
STENOGRAPHER, TYPING, FILING	206	20	186	1	48	157	99	102	5	76	38	103	65	4	6
COMPUTING AND ACCOUNT RECORDING	97	5	92	0	16	81	29	68	0	28	12	47	38	0	1
MATERIAL AND PRODUCTION RECORDING	39	31	8	0	11	28	17	20	2	10	8	22	9	1	3
INFORMATION AND MESSAGE DISTRIBUTION	26	3	23	0	2	24	11	14	1	9	2	14	10	1	3
MISCELLANEOUS CLERICAL OCCUPATIONS	10	1	9	0	3	7	6	4	0	4	2	5	3	0	0
SALESMEN SERVICES	5	4	1	1	2	2	0	3	2	1	0	5	0	0	3
SALESMEN AND SALESPERSONS, COMMODITIES	41	14	27	0	13	28	21	20	0	13	3	28	10	1	3
MERCHANDISING OCCUPATIONS	43	4	39	0	14	29	17	26	0	8	8	25	10	0	0
TOTALS	467	82	385	2	109	356	200	257	10	149	73	249	145	7	16
PERCENTAGES	100.0	17.6	82.4	.4	23.3	76.2	42.8	55.0	2.1	31.9	15.6	53.3	31.0	1.5	3.4
SERVICE OCCUPATIONS															
DOMESTIC SERVICE	243	8	235	31	151	61	33	106	104	68	143	53	36	0	12
FOOD AND BEVERAGE PREPARATION	140	57	83	8	77	55	62	58	20	54	17	82	41	2	13
LODGING AND RELATED SERVICE	29	3	26	0	22	7	6	17	6	10	2	18	9	0	2
BARBERING, COSMETOLOGY	5	1	4	1	1	3	1	4	0	2	0	3	2	0	1
AMUSEMENT	2	1	1	0	1	1	2	0	0	0	0	0	2	0	0
MISCELLANEOUS PERSONAL SERVICE	125	17	108	0	55	70	35	78	12	49	24	63	38	0	6
APPAREL AND FURNISHINGS SERVICE	25	8	17	3	13	9	10	6	9	5	3	19	3	0	1
PROTECTIVE SERVICE	18	16	2	1	8	9	1	14	3	6	2	13	3	1	2
BUILDING AND RELATED SERVICE	112	92	20	11	69	32	42	48	22	36	14	64	34	2	14
TOTAL	699	203	496	55	397	247	192	331	176	230	205	326	168	5	41
PERCENTAGES	100.0	29.0	71.0	7.9	56.8	35.3	27.5	47.4	25.2	32.9	29.3	46.6	24.0	.7	7.3
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
PLANT FARMING	17	17	0	3	10	4	7	5	5	5	1	10	6	0	2
MISCELLANEOUS FARMING	1	1	0	0	1	0	0	1	0	1	0	1	0	0	0
AGRICULTURAL SERVICE	1	1	0	0	1	0	1	0	0	1	0	0	1	0	0
TOTALS	19	19	0	3	12	4	8	6	5	7	1	11	7	0	2
PERCENTAGES	100.0	100.0	.0	15.8	63.2	21.1	42.1	31.6	26.3	36.8	5.3	57.9	36.8	.0	10.5
PROCESSING OCCUPATIONS															
PROCESSING OF METAL	12	10	2	0	8	4	2	10	0	5	1	6	5	0	1
ORE REFINING AND FOUNDRY	20	19	1	4	10	6	5	13	2	7	1	13	6	0	2
PROCESSING OF FOOD, TOBACCO	3	2	1	0	2	1	1	2	0	2	0	2	1	0	0
PROCESSING OF PETROLEUM	1	1	0	0	1	0	1	0	0	1	0	1	0	0	0
PROCESSING OF CHEMICALS, PLASTICS	14	4	10	1	8	5	4	7	3	5	2	7	5	0	1
PROCESSING OF STONE	1	1	0	0	0	1	0	1	0	1	0	0	1	0	0
PROCESSING OF LEATHER, TEXTILES	5	5	0	1	1	3	0	4	1	2	0	5	0	0	1
PROCESSING OCCUPATIONS N.E.C.	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0
TOTALS	57	43	14	6	30	21	13	38	6	23	4	34	19	0	5
PERCENTAGES	100.0	75.4	24.6	10.5	52.6	36.8	22.8	66.7	10.5	40.4	7.0	59.6	33.3	.0	8.8

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

NEGRO

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
MACHINE TRADES OCCUPATIONS															
METAL MACHINING	159	106	53	7	64	88	36	102	21	34	16	76	62	5	10
METALWORKING N.E.C.	78	48	30	3	35	40	7	64	7	15	4	45	29	3	2
MECHANICS	14	14	0	0	4	10	4	8	2	4	0	7	7	2	0
PAPERWORKING	1	0	1	0	1	0	0	1	0	0	0	0	1	0	0
PRINTING	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0
TEXTILE	1	1	0	0	1	0	1	0	0	0	0	0	1	0	0
MACHINING TRADES	2	1	1	0	1	1	0	2	0	0	0	2	0	0	0
TOTALS	256	171	85	10	106	140	48	178	30	54	20	131	100	10	12
PERCENTAGES	100.0	66.8	33.2	3.9	41.4	54.7	18.8	69.5	11.7	21.1	7.8	51.2	39.1	3.9	4.7
BENCH WORK OCCUPATIONS															
REPAIR OF METAL PRODUCTS N.E.C.	49	23	26	3	30	16	4	42	3	11	2	34	13	0	3
SCIENTIFIC AND PHOTOGRAPHIC GOODS	2	2	0	0	0	2	1	1	0	0	1	1	0	0	0
REPAIR OF ELECTRICAL EQUIPMENT	7	0	7	0	2	5	1	5	1	1	0	4	3	0	0
REPAIR OF PRODUCTS MADE FROM ASSORTED MAT'LS	4	1	3	0	1	3	0	4	0	0	0	3	1	0	0
PAINTING, DECORATING	7	7	0	0	5	2	2	2	3	1	0	7	0	0	0
REPAIR OF PLASTICS	8	4	4	2	1	5	1	5	2	1	1	6	1	0	0
REPAIR OF WOOD PRODUCTS	1	1	0	0	1	0	0	1	0	1	0	0	1	0	1
REPAIR OF STONE	1	1	0	0	1	0	0	1	0	0	0	1	0	0	0
REPAIR OF TEXTILES	14	3	11	0	6	8	4	7	3	2	1	7	6	0	1
TOTALS	93	42	51	5	47	41	13	68	12	17	5	63	25	0	5
PERCENTAGES	100.0	45.2	54.8	5.4	50.5	44.1	14.0	73.1	12.9	18.3	5.4	67.7	26.9	.0	5.4
STRUCTURAL WORK OCCUPATIONS															
METAL FABRICATING N.E.C.	260	221	39	10	131	119	65	182	13	81	18	144	98	15	23
WELDERS	88	84	4	3	50	35	27	60	1	30	5	54	29	1	6
ELECTRICAL ASSEMBLING	9	7	2	0	2	7	4	5	0	1	2	4	3	2	1
PAINTING, PLASTERING	8	8	0	1	5	2	1	5	2	1	0	7	1	0	1
EXCAVATING, GRADING	17	17	0	4	12	1	2	11	4	2	1	14	2	0	0
CONSTRUCTION N.E.C.	64	64	0	13	32	19	11	37	16	18	5	46	13	2	7
STRUCTURAL WORK N.E.C.	4	4	0	0	1	3	1	2	1	0	0	4	0	0	0
TOTALS	450	405	45	31	233	186	111	302	37	133	31	273	146	20	38
PERCENTAGES	100.0	90.0	10.0	6.9	51.8	41.3	24.7	67.1	8.2	29.6	6.9	60.7	32.4	4.4	8.4
MISCELLANEOUS OCCUPATIONS															
MOTOR FREIGHT	48	48	0	3	18	27	7	32	9	9	4	34	10	4	3
TRANSPORTATION N.E.C.	36	33	3	3	21	12	13	18	5	10	4	25	7	0	5
PACKAGING	104	90	14	6	50	48	37	61	6	27	10	72	22	2	6
UTILITIES	1	1	0	0	1	0	0	1	0	0	0	1	0	0	0
AMUSEMENT	1	1	0	0	1	0	1	0	0	1	0	0	1	0	0
GRAPHIC ART	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0
TOTALS	191	173	17	12	91	88	58	113	20	47	18	133	40	6	14
PERCENTAGES	100.0	90.6	8.9	6.3	47.6	46.1	30.4	59.2	10.5	24.6	9.4	69.6	20.9	3.1	7.3
GRAND TOTALS	2323	1180	1142	125	1042	1156	663	1358	302	687	377	1274	667	51	147
PERCENTAGES	100.0	50.8	49.2	5.4	44.9	49.8	28.5	58.5	13.0	29.6	16.2	54.8	28.7	2.2	6.3

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

NEGRO - SUMMARY

	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
TOTALS	91	42	49	1	17	73	20	65	6	27	20	54	17	3	4
PERCENTAGES	100.0	46.2	53.8	1.1	18.7	80.2	22.0	71.4	6.6	29.7	22.0	59.3	18.7	3.3	4.4
CLERICAL AND SALES OCCUPATIONS															
TOTALS	467	82	385	2	109	356	200	257	10	149	73	249	145	7	16
PERCENTAGES	100.0	17.6	82.4	.4	23.3	76.2	42.8	55.0	2.1	31.9	15.6	53.3	31.0	1.5	3.4
SERVICE OCCUPATIONS															
TOTALS	699	203	496	55	397	247	192	331	176	230	205	326	168	5	51
PERCENTAGES	100.0	29.0	71.0	7.9	56.8	35.3	27.5	47.4	25.2	32.9	29.3	46.6	24.0	.7	7.3
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
TOTALS	19	19	0	3	12	4	8	6	5	7	1	11	7	0	2
PERCENTAGES	100.0	100.0	.0	15.8	63.2	21.1	42.1	31.6	26.3	36.8	5.3	57.9	36.8	.0	10.5
PROCESSING OCCUPATIONS															
TOTALS	57	43	14	6	30	21	13	38	6	23	4	34	19	0	5
PERCENTAGES	100.0	75.4	24.6	10.5	52.6	36.8	22.8	66.7	10.5	40.4	7.0	59.6	33.3	.0	8.8
MACHINE TRADES OCCUPATIONS															
TOTALS	256	171	85	10	106	140	48	178	30	54	20	131	100	10	12
PERCENTAGES	100.0	66.8	33.2	3.9	41.4	54.7	18.8	69.5	11.7	21.1	7.8	51.2	39.1	3.9	4.7
BENCH WORK OCCUPATIONS															
TOTALS	93	42	51	5	47	41	13	68	12	17	5	63	25	0	5
PERCENTAGES	100.0	45.2	54.8	5.4	50.5	44.1	14.0	73.1	12.9	18.3	5.4	67.7	26.9	.0	5.4
STRUCTURAL WORK OCCUPATIONS															
TOTALS	450	405	45	31	233	186	111	302	37	133	31	273	146	20	38
PERCENTAGES	100.0	90.0	10.0	6.9	51.8	41.3	24.7	67.1	8.2	29.6	6.9	60.7	32.4	4.4	8.4
MISCELLANEOUS OCCUPATIONS															
TOTALS	191	173	17	12	91	88	58	113	20	47	18	133	40	6	14
PERCENTAGES	100.0	90.6	8.9	6.3	47.6	46.1	30.4	59.2	10.5	24.6	9.4	69.6	20.9	3.1	7.3

APPENDIX "C"

**UNEMPLOYMENT OF PERSONS
WITH SPANISH SURNAMES**

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

SPANISH SURNAME

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			HANDI- VETERAN	CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
ARCHITECTURE AND ENGINEERING	15	13	2	0	1	14	1	14	0	1	0	13	2	1	1
MATHEMATICS AND PHYSICAL SCIENCES	1	1	0	0	0	1	0	1	0	0	0	1	0	0	0
MEDICINE AND HEALTH	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0
EDUCATION	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0
ADMINISTRATIVE SPECIALIZATIONS	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0
MANAGERS AND OFFICIALS	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0
MISCELLANEOUS PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS	1	1	0	0	1	0	0	0	1	0	0	1	0	0	0
TOTALS	21	18	3	0	2	19	1	17	3	2	2	17	2	1	2
PERCENTAGES	100.0	85.7	14.3	.0	9.5	90.5	4.8	81.0	14.3	9.5	9.5	81.0	9.5	4.8	9.5
CLERICAL AND SALES OCCUPATIONS															
STENOGRAPHER, TYPING, FILING	8	1	7	0	2	6	2	6	0	2	0	6	2	0	0
COMPUTING AND ACCOUNT-RECORDING	5	1	4	0	2	3	1	3	1	0	0	3	2	0	0
MATERIAL AND PRODUCTION RECORDING	4	4	0	0	1	3	0	3	1	1	0	3	1	0	1
INFORMATION AND MESSAGE DISTRIBUTION	2	1	1	0	1	1	0	2	0	0	0	2	0	0	0
MISCELLANEOUS CLERICAL OCCUPATIONS	1	1	0	0	1	0	1	0	0	0	1	0	0	0	0
SALESMEN AND SALESPERSONS, COMMODITIES	3	1	2	0	1	2	1	1	1	0	1	1	1	0	0
MERCHANDISING OCCUPATIONS	4	0	4	0	2	2	3	0	1	0	0	2	2	0	0
TOTALS	27	9	18	0	10	17	8	15	4	3	2	17	8	0	1
PERCENTAGES	100.0	33.3	66.7	.0	37.0	63.0	29.6	55.6	14.8	11.1	7.4	63.0	29.6	.0	3.7
SERVICE OCCUPATIONS															
DOMESTIC SERVICE	4	1	3	1	2	1	0	3	1	1	2	1	1	0	0
FOOD AND BEVERAGE PREPARATION	8	6	12	6	4	8	3	10	5	4	2	14	2	0	1
LODGING AND RELATED SERVICE	1	0	1	0	1	0	0	1	0	0	0	1	0	0	1
BARBERING, COSMETOLOGY	2	1	1	0	0	2	0	2	0	0	1	1	0	0	0
MISCELLANEOUS PERSONAL SERVICE	4	1	3	0	1	3	1	3	0	1	0	2	2	0	0
APPAREL AND FURNISHINGS SERVICE	3	1	2	1	0	2	0	3	0	0	0	3	0	0	0
PROTECTIVE SERVICE	1	0	1	0	0	1	1	0	0	0	1	0	0	0	0
BUILDING AND RELATED SERVICE	6	5	1	3	2	1	2	2	2	3	0	5	1	0	1
TOTALS	39	15	24	11	10	18	7	24	8	9	6	27	6	0	3
PERCENTAGES	100.0	38.5	61.5	28.2	25.6	46.2	17.9	61.5	20.5	23.1	15.4	69.2	15.4	.0	7.7
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
PLANT FARMING	7	7	0	5	2	0	4	3	0	5	1	4	2	0	0
MISCELLANEOUS FARMING	1	1	0	0	1	0	0	1	0	1	0	0	1	0	0
TOTALS	8	8	0	5	3	0	4	4	0	6	1	4	3	0	0
PERCENTAGES	100.0	100.0	.0	62.5	37.5	.0	50.0	50.0	.0	75.0	12.5	50.0	37.5	.0	.0
PROCESSING OCCUPATIONS															
PROCESSING OF METAL	2	1	1	2	0	0	0	2	0	0	0	1	1	0	0
ORE REFINING AND FOUNDRY	3	3	0	0	2	1	1	1	1	0	0	3	0	0	0
PROCESSING OF CHEMICALS, PLASTICS	1	0	1	0	1	0	0	1	0	0	0	1	0	0	0
PROCESSING OF STONE	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0
PROCESSING OF LEATHER, TEXTILES	1	1	0	1	0	0	0	1	0	1	0	0	1	0	0
TOTALS	8	6	2	4	3	1	1	6	1	1	0	6	2	0	0
PERCENTAGES	100.0	75.0	25.0	50.0	37.5	12.5	12.5	75.0	12.5	12.5	.0	75.0	25.0	.0	.0

OAKLAND COUNTY UNEMPLOYMENT

APRIL, 1971

SPANISH SURNAME

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
MACHINE TRADES OCCUPATIONS															
METAL MACHINING	24	22	2	2	16	6	4	18	2	1	2	18	4	1	4
METALWORKING N.E.C.	14	13	2	5	5	5	1	13	1	3	3	9	3	1	1
MECHANICS	2	2	0	0	1	1	1	0	1	0	1	1	0	0	0
PAPERWORKING	1	1	0	0	1	0	0	1	0	0	0	1	0	0	0
PRINTING	1	0	1	0	1	0	0	1	0	0	0	1	0	0	0
WOOD MACHINING	1	1	0	0	0	1	0	1	0	0	0	1	0	0	0
TEXTILE	1	0	1	1	0	0	0	1	0	0	0	0	1	0	0
TOTALS	46	39	6	8	24	13	6	35	4	4	6	31	8	2	5
PERCENTAGES	100.0	86.7	13.3	17.8	53.3	28.9	13.3	77.8	8.9	8.9	13.3	68.9	17.8	4.4	11.1
BENCH WORK OCCUPATIONS															
REPAIR OF METAL PRODUCTS N.E.C.	3	2	1	1	1	1	0	2	1	0	0	3	0	0	0
REPAIR OF ELECTRICAL EQUIPMENT	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0
REPAIR OF PLASTICS	1	1	0	0	0	1	1	0	0	1	0	0	1	0	0
REPAIR OF TEXTILES	3	1	2	2	0	2	0	3	0	1	1	3	0	0	0
TOTALS	8	4	4	3	1	5	1	6	1	2	1	7	1	0	0
PERCENTAGES	100.0	50.0	50.0	37.5	12.5	62.5	12.5	75.0	12.5	25.0	12.5	87.5	12.5	.0	.0
STRUCTURAL WORK OCCUPATIONS															
METAL FABRICATING N.E.C.	47	44	3	11	24	12	12	32	3	10	3	36	8	4	4
WELDERS	7	6	1	1	5	1	1	6	0	0	2	5	0	0	0
ELECTRICAL ASSEMBLING	2	2	0	0	1	1	0	2	0	0	0	2	0	0	0
PAINTING, PLASTERING	3	3	0	1	1	1	1	2	0	1	0	3	0	0	0
EXCAVATING, GRADING	1	1	0	0	0	1	0	1	0	0	0	1	0	1	0
CONSTRUCTION N.E.C.	11	11	0	4	3	4	2	4	5	3	1	7	3	0	0
STRUCTURAL WORK N.E.C.	1	1	0	0	1	0	0	1	0	0	0	1	0	0	0
TOTALS	72	68	4	17	35	20	16	48	8	14	6	55	11	5	6
PERCENTAGES	100.0	94.4	5.6	23.6	48.6	27.8	22.2	66.7	11.1	19.4	8.3	76.4	15.3	6.9	8.3
MISCELLANEOUS OCCUPATIONS															
MOTOR FREIGHT	3	3	0	1	1	1	1	2	0	0	0	1	2	0	0
TRANSPORTATION N.E.C.	7	7	0	0	5	2	4	3	0	1	1	4	2	1	0
PACKAGING	17	17	0	4	8	5	6	10	1	4	1	13	3	0	1
TOTALS	27	27	0	5	14	8	11	15	1	5	2	18	7	1	1
PERCENTAGES	100.0	100.0	.0	18.5	51.9	29.6	40.7	55.6	3.7	18.5	7.4	66.7	25.9	3.7	3.7
GRAND TOTALS	255	194	61	53	102	101	55	170	30	46	26	182	48	9	18
PERCENTAGES	100.0	76.1	23.9	20.8	40.0	39.6	21.6	66.7	11.8	18.0	10.2	71.4	18.8	3.5	7.1

OAKLAND COUNTY UNEMPLOYMENT APRIL, 1971

SPANISH SURNAME - SUMMARY

	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
TOTALS	21	18	3	0	2	19	1	17	3	2	2	17	2	1	2
PERCENTAGES	100.0	85.7	14.3	.0	9.5	90.5	4.8	81.0	14.3	9.5	9.5	81.0	9.5	4.8	9.5
CLERICAL AND SALES OCCUPATIONS															
TOTALS	27	9	18	0	10	17	8	15	4	3	2	17	8	0	1
PERCENTAGES	100.0	33.3	66.7	.0	37.0	63.0	29.6	55.6	14.8	11.1	7.4	53.0	29.6	.0	3.7
SERVICE OCCUPATIONS															
TOTALS	39	15	24	11	10	18	7	24	8	9	6	27	6	0	3
PERCENTAGES	100.0	38.5	61.5	28.2	25.6	46.2	17.9	61.5	20.5	23.1	15.4	69.2	15.4	.0	7.7
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
TOTALS	8	8	0	5	3	0	4	4	0	6	1	4	3	0	0
PERCENTAGES	100.0	100.0	.0	62.5	37.5	.0	50.0	50.0	.0	75.0	12.5	50.0	37.5	.0	.0
PROCESSING OCCUPATIONS															
TOTALS	8	6	2	4	3	1	1	6	1	1	0	6	2	0	0
PERCENTAGES	100.0	75.0	25.0	50.0	37.5	12.5	12.5	75.0	12.5	12.5	.0	75.0	25.0	.0	.0
MACHINE TRADES OCCUPATIONS															
TOTALS	45	39	6	8	24	13	6	35	4	4	6	31	8	2	5
PERCENTAGES	100.0	86.7	13.3	17.8	53.3	28.9	13.3	77.8	8.9	8.9	13.3	68.9	17.8	4.4	11.1
BENCH WORK OCCUPATIONS															
TOTALS	8	4	4	3	1	5	1	6	1	2	1	7	1	0	0
PERCENTAGES	100.0	50.0	50.0	37.5	12.5	62.5	12.5	75.0	12.5	25.0	12.5	87.5	12.5	.0	.0
STRUCTURAL WORK OCCUPATIONS															
TOTALS	72	68	4	17	35	20	16	48	8	14	6	55	11	5	6
PERCENTAGES	100.0	94.4	5.6	23.6	48.6	27.8	22.2	66.7	11.1	19.4	8.3	76.4	15.3	6.9	8.3
MISCELLANEOUS OCCUPATIONS															
TOTALS	27	27	0	5	14	8	11	15	1	5	2	18	7	1	1
PERCENTAGES	100.0	100.0	.0	18.5	51.9	29.6	40.7	55.6	3.7	18.5	7.4	66.7	25.9	3.7	3.7

APPENDIX "D"

UNEMPLOYMENT OF INDIANS

OAKLAND COUNTY UNEMPLOYMENT APRIL, 1971

INDIAN

OCCUPATIONS	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
MEDICINE AND HEALTH	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0
TOTALS	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0
PERCENTAGES	100.0	100.0	.0	.0	.0	100.0	.0	100.0	.0	.0	.0	.0	100.0	.0	.0
CLERICAL AND SALES OCCUPATIONS															
STENOGRAPHER, TYPING, FILING	1	1	0	0	1	0	0	1	0	0	0	1	0	0	1
COMPUTING AND ACCOUNT RECORDING	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0
TOTALS	2	1	1	0	1	1	0	2	0	0	0	2	0	0	1
PERCENTAGES	100.0	50.0	50.0	.0	50.0	50.0	.0	100.0	.0	.0	.0	100.0	.0	.0	50.0
SERVICE OCCUPATIONS															
DOMESTIC SERVICE	3	0	3	0	1	2	0	2	1	2	1	2	0	0	0
FOOD AND BEVERAGE PREPARATION	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0
TOTALS	4	0	4	0	1	3	0	3	1	2	1	3	0	0	0
PERCENTAGES	100.0	.0	100.0	.0	25.0	75.0	.0	75.0	25.0	50.0	25.0	75.0	.0	.0	.0
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
PLANT FARMING	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0
TOTALS	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0
PERCENTAGES	100.0	100.0	.0	.0	.0	100.0	.0	.0	100.0	.0	.0	100.0	.0	.0	.0
MACHINE TRADES OCCUPATIONS															
METAL MACHINING	1	0	1	0	1	0	1	0	0	0	0	1	0	0	0
TOTALS	1	0	1	0	1	0	1	0	0	0	0	1	0	0	0
PERCENTAGES	100.0	.0	100.0	.0	100.0	.0	100.0	.0	.0	.0	.0	100.0	.0	.0	.0
STRUCTURAL WORK OCCUPATIONS															
METAL FABRICATING N.E.C.	3	3	0	2	0	1	0	1	2	0	0	2	1	0	0
TOTALS	3	3	0	2	0	1	0	1	2	0	0	2	1	0	0
PERCENTAGES	100.0	100.0	.0	66.7	.0	33.3	.0	33.3	66.7	.0	.0	66.7	33.3	.0	.0
MISCELLANEOUS OCCUPATIONS															
MOTOR FREIGHT	1	1	0	0	1	0	0	1	0	1	0	0	1	0	0
PACKAGING	1	1	0	0	1	0	0	1	0	0	0	1	0	1	0
TOTALS	2	2	0	0	2	0	0	2	0	1	0	1	1	1	0
PERCENTAGES	100.0	100.0	.0	.0	100.0	.0	.0	100.0	.0	50.0	.0	50.0	50.0	50.0	.0
GRAND TOTALS	14	8	6	2	5	7	1	9	4	3	1	10	3	1	1
PERCENTAGES	100.0	57.1	42.9	14.3	35.7	50.0	7.1	64.3	28.6	21.4	7.1	71.4	21.4	7.1	7.1

OAKLAND COUNTY UNEMPLOYMENT APRIL, 1971

INDIAN - SUMMARY

	TOTAL	SEX		EDUCATION in YEARS			AGE			H.D.R.	DURATION in WKS.			VETERAN	HANDI-CAPPED
		MALE	FEMALE	0-7	8-11	12+	UNDER 22	22-44	OVER 44		1	1-14	15+		
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS															
TOTALS	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0
PERCENTAGES	100.0	100.0	.0	.0	.0	100.0	.0	100.0	.0	.0	.0	.0	100.0	.0	.0
CLERICAL AND SALES OCCUPATIONS															
TOTALS	2	1	1	0	1	1	0	2	0	0	0	2	0	0	1
PERCENTAGES	100.0	50.0	50.0	.0	50.0	50.0	.0	100.0	.0	.0	.0	100.0	.0	.0	50.0
SERVICE OCCUPATIONS															
TOTALS	4	0	4	0	1	3	0	3	1	2	1	3	0	0	0
PERCENTAGES	100.0	.0	100.0	.0	25.0	75.0	.0	75.0	25.0	50.0	25.0	75.0	.0	.0	.0
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS															
TOTALS	1	1	0	0	0	1	0	0	1	0	0	1	0	0	0
PERCENTAGES	100.0	100.0	.0	.0	.0	100.0	.0	.0	100.0	.0	.0	100.0	.0	.0	.0
MACHINE TRADES OCCUPATIONS															
TOTALS	1	0	1	0	1	0	1	0	0	0	0	1	0	0	0
PERCENTAGES	100.0	.0	100.0	.0	100.0	.0	100.0	.0	.0	.0	.0	100.0	.0	.0	.0
STRUCTURAL WORK OCCUPATIONS															
TOTALS	3	3	0	2	0	1	0	1	2	0	0	2	1	0	0
PERCENTAGES	100.0	100.0	.0	66.7	.0	33.3	.0	33.3	66.7	.0	.0	66.7	33.3	.0	.0
MISCELLANEOUS OCCUPATIONS															
TOTALS	2	2	0	0	2	0	0	2	0	1	0	1	1	1	0
PERCENTAGES	100.0	100.0	.0	.0	100.0	.0	.0	100.0	.0	50.0	.0	50.0	50.0	50.0	.0